SENSOR STRUCTURES AND METHODS FOR REDUCTION OF DIFFERENTIAL-HEATING SIGNAL ERRORS IN INTEGRATED CIRCUITS

ABSTRACT OF THE DISCLOSURE

Correction sensors and methods are provided for reduction of differential-heating signal errors along a differential signal path of an electronic circuit. An exemplary correction sensor includes first and second transistors which are coupled to different sides of the differential signal path and a differential error amplifier that couples a differential correction signal to the differential signal path in differential response to a differential error signal generated by like terminals of the first and second transistors. Bias generators are preferably included to bias at least one set of same terminals of the first and second transistors that differ from the like terminals.